



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4547

SERIAL NUMBER 10/664,287	FILING DATE 09/17/2003  RULE	CLASS 324	GROUP ART UNIT 2838	ATTORNEY DOCKET NO. GP-302180
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

## APPLICANTS

Edward D. Tate JR., Grand Blanc, MI;

Mark W. Verbrugge, Troy, MI;

Brian J. Koch, Berkley, MI; Damon R. Frisch, Troy, MI;

\*\* CONTINUING DATA \*\*\*\*\* *wnb*\*\* FOREIGN APPLICATIONS \*\*\*\*\* *wnb*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/08/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY MI	SHEETS DRAWING 6	TOTAL CLAIMS 27	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials <i>[Initials]</i>				

## ADDRESS

CHRISTOPHER DEVRIES  
 General Motors Corporation  
 Legal Staff, Mail Code 482-C23-B21  
 P.O. Box 300  
 Detroit, MI  
 48265-3000

## TITLE

METHOD FOR ESTIMATING STATES AND PARAMETERS OF AN ELECTROCHEMICAL CELL

FILING FEE  RECEIVED 876	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---